

1300-028

INSTRUCTION, **DART**[™] VOLTAGE CHECK

REV	DATE	EC#	DESCRIPTION	DRAWN	CKD
A	2022-04-18		ORIGINATED	JMA	CED

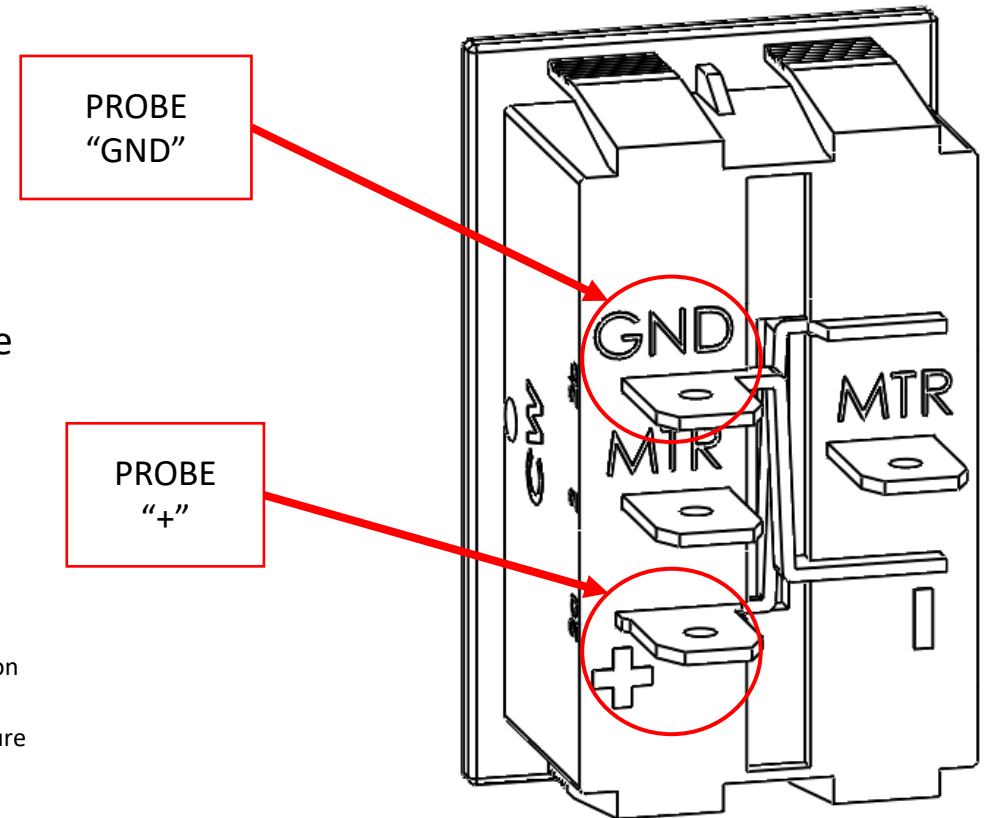
1300-028 INSTRUCTION, DART VOLTAGE CHECK



INSTRUCTION VOLTAGE CHECK

Step 1: Verify voltage going to enclosure

- Probe the back side of the rocker switch on the enclosure lid at the “GND” and “+” locations shown and verify input voltage is >12.6 and < 14.4
- While operating the rocker switch, probe the switch at the locations shown and verify voltage to verify voltage does not drop below 12.6
 - If it drops below 11.2 while running or is outside of range of ideal condition voltage, the problem is with power delivery from the vehicle.
 - No voltage: Ensure vehicle is powered on.
 - If still no voltage, check/replace 30A fuse on J560/battery connection P/N K1100-368 (Single pack) or K1100-369 (10 pack)
 - If still no voltage, check/replace circuit breaker inside of the enclosure P/N K1100-366 (Single pack) or K1100-367 (10 pack)
 - Low voltage:
 - Check vehicle battery is functioning properly.
 - Check actuator motor is functioning properly P/N K1100-365
 - Ideal voltage (12.6-14.4): Move to next step
 - If voltage is maintained and LED is OFF, replace lid subassembly P/N K1100-376
 - If voltage is maintained and LED is ON, check voltage is maintained downstream of switch.





INSTRUCTION VOLTAGE CHECK

Step 2: Check voltage after switch

- Probe the rocker switch at the new “MTR” locations as shown and operate unit and verify voltage is being maintained through the switch from previously readings while operating the rocker switch in the up and down directions
 - If voltage is not maintained, replace lid subassembly (P/N K1100-376) and recheck voltage after switch
 - **If voltage is maintained through the switch, proceed to test per 1300-027 (Current Draw)**

